

**Great Northern Paper, Inc.
Penobscot County
East Millinocket, Maine
A-405-70-B-M**

**Departmental
Findings of Fact and Order
Part 70 Air Emission License
Amendment #1**

After review of the Initial Part 70 License application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A, Section 344 and Section 590, the Department finds the following facts:

I. Registration

A. Introduction

FACILITY	Great Northern Paper, Inc. (GNP)
LICENSE NUMBER	A-405-70-B-M
LICENSE TYPE	Part 70 Section 502(b)(10) Change
NAICS CODES	322122
NATURE OF BUSINESS	Paper Mill
FACILITY LOCATION	Main St., East Millinocket
DATE OF LICENSE ISSUANCE	November 13, 2002
DATE OF AMENDMENT ISSUANCE	February 3, 2003
LICENSE EXPIRATION DATE	November 13, 2007

B. Revision Description

GNP is currently undergoing bankruptcy proceedings and has ceased normal operations. The mill is currently operating only one boiler at the East Millinocket facility in an attempt to keep equipment warm to protect assets from freezing.

Under Air Emission License A-405-70-A-I, GNP is required to fire #6 fuel oil with a sulfur not to exceed 1.5% by weight when firing only one of the oil boilers (EB1 or EB2). GNP has proposed temporarily firing oil with a sulfur content of 2.0% as a cost savings measure. The current license allows for emissions of 580 lb/hr of SO₂ from EB1 and EB2 in addition to 376 lb/hr from Boiler #3 (EB3). GNP's proposal would restrict the facility's SO₂ emission to a total of 330 lb/hr when firing the higher sulfur fuel.

MEDEP modeled the following proposed scenario using ISCST3:

- Either EB1 or EB2 firing alone
- Maximum fuel usage of 26,400 gallons per day of #6 fuel oil
- Sulfur content of the fuel not to exceed 2.0% by weight

The results demonstrated that emissions from this firing configuration will not cause or contribute to violations of Maine Ambient Air Quality Standards for SO₂, PM₁₀, NO₂, or CO.

Therefore, the Department has determined that the temporary firing of 2.0% sulfur fuel oil under the proposed conditions constitutes a minor revision to be processed as a Part 70 Section 502(b)(10) change.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that emissions from this source:

- will receive Best Practical Treatment;
- will not violate applicable emissions standards
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants the Part 70 Section 502(b)(10) change A-405-70-B-M subject to the conditions found in Air Emission License A-405-70-A-I and in addition to the following conditions

The following are new Conditions:

(30) The following shall apply from February 1, 2003 to June 1, 2003:

- A. EB1 and EB2 shall fire #6 fuel oil with a sulfur content not to exceed 2.0% by weight provided all of the following requirements are met:
1. GNP shall operate either EB1 or EB2 but shall not fire EB1 and EB2 simultaneously.
 2. GNP shall not exceed a firing rate of 26,400 gallons per day of 2.0% sulfur fuel in EB1 and EB2 combined.
 3. GNP shall keep daily records of the amount of fuel fired in EB1 and EB2.
 4. GNP shall comply with Condition (14)(B) of Air Emission License A-405-70-A-I when firing of EB1 and/or EB2 exceeds 26,400 gallons per day.

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(31) This amendment shall expire concurrently with Air Emission License A-405-70-A-I.

DONE AND DATED IN AUGUSTA, MAINE THIS DAY OF 2003.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
BROOKE E. BARNES, ACTING COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 1/30/03

Date of application acceptance: 1/30/03

Date filed with the Board of Environmental Protection: _____

This Order prepared by Lynn Ross, Bureau of Air Quality.